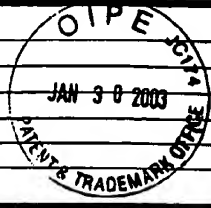


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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: January 30, 2003 (use as many sheets as necessary)		Application Number	09/931,151
		Filing Date	08/17/2001
		First Named Inventor	Virgil Dorin Gligor
		Group Art Unit	2131
		Examiner Name	Unassigned
Sheet	1	of	2
		Attorney Docket Number	068398-0107



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
40	A1	5,757,913		BELLARE et al.	05/26/1998	RECEIVED JAN 31 2003

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
40	A2	BELLARE et al., "A Concrete Security Treatment of Symmetric Encryption", <u>Proceedings of the 38th Symposium on Foundations of Computer Science</u> , 1997, pages 394-403, IEEE.		
	A3	BELLARE et al., "Keying Hash Functions for Message Authentication", <u>Advances in Cryptology- Crypto '96 Proceedings</u> , June 1996, pages 1-15, Lecture Notes in Computer Science Vol. 1109, Springer-Verlag.		
	A4	BELLARE et al., "XOR MACs: New Methods for Message Authentication Using Finite Pseudorandom Functions", <u>Advances in Cryptology- Crypto 95 Proceedings</u> , October 1995, pages 15-28, Lecture Notes in Computer Science Vol. 963, Springer-Verlag.		
	A5	BLACK et al., "UMAC: Fast and Secure Message Authentication", <u>Advances in Cryptology- Crypto '99</u> , 1999, pages 216-233, Lecture Notes in Computer Science Vol. 1666, Springer-Verlag.		
	A6	CAMPBELL, "Design and Specification of Cryptographic Capabilities", <u>Computer Security and the Data Encryption Standard</u> , February 1978, pages 54-66, National Bureau of Standards Special Publications 500-27, U.S. Department of Commerce.		
	A7	GLIGOR et al., "Fast Encryption and Authentication: XCBC Encryption and XECB Authentication Modes", October 27, 2000, pages 1-30, VDG Inc., Chevy Chase, Maryland, XP-002178464.		
	A8	GLIGOR et al., "Object Migration and Authentication", <u>IEEE Transactions on Software Engineering</u> , November 1979, pages 607-611, Vol. SE-5, No. 6., IEEE.		
	A9	GOLDWASSER et al., "Lecture Notes on Cryptography", August 1999, pages 1-10, 57-63 and 79-104, Cambridge, Massachusetts, http://www-cse.ucsd.edu/users/mihir/papers/gb.pdf .		
40	A10	JUNEMAN et al., "Message Authentication with Manipulation Detection Codes", <u>Proceedings IEEE Symposium on Security and Privacy</u> , April 25, 1983, pages 33-54, XP-002055686.		

Examiner Signature	<i>Virgil Dorin Gligor</i>	Date Considered	2/22/03
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Sheet	2	of	2
		Attorney Docket Number	068398-0107



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DO	A11	JUTLA, "Encryption Modes with Almost Free Message Integrity", <u>Advances in Cryptology- EUROCRYPT 2001</u> , May 10, 2001, pages 529-544, Lecture Notes in Computer Science Vol. 2045, Springer-Verlag, Berlin, XP-002214999.	
	A12	KNUTH, <u>The Art of Computer Programming- Volume 2: Seminumerical Algorithms</u> , 1981, Chapter 3, Addison-Wesley.	
	A13	MENEZES et al., <u>Handbook of APPLIED CRYPTOGRAPHY</u> , 1997, Chapter 9, CRC Press LLC, Boca Raton.	
	A14	NAOR et al., "From Unpredictability to Indistinguishability: A Simple Construction of Pseudo-Random Functions from MACs", <u>Advances in Cryptology- CRYPTO '98</u> , August 1998, pages 267-282, , Lecture Notes in Computer Science Vol. 1462, Springer-Verlag, Berlin.	
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